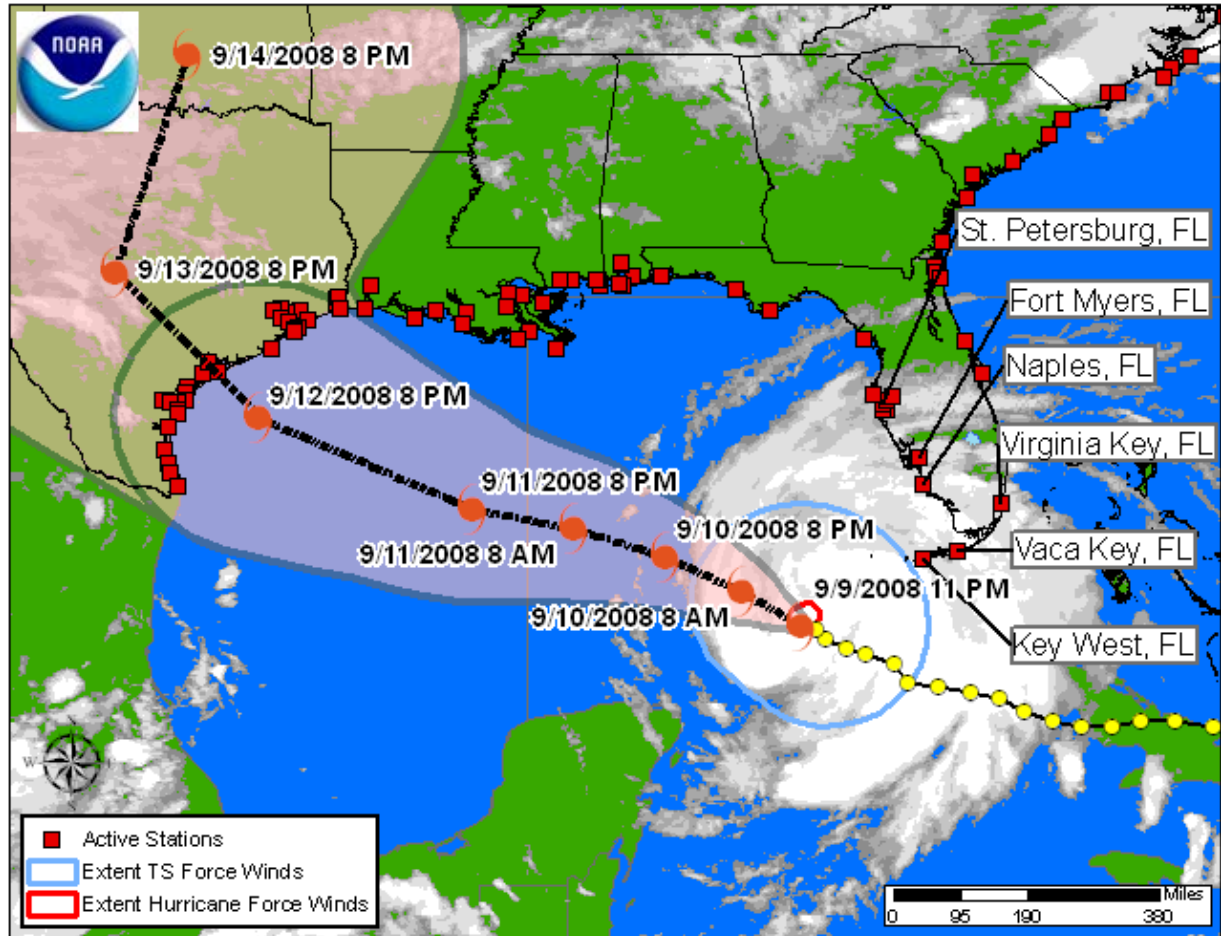




Hurricane IKE QuickLook  
Posted: 00:00 EDT 09/10/2008

NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 09/10/2008 00:00 EDT, water levels are elevated across southern Florida and the Florida Keys and range 0.4 - 1.3 feet above predicted. Water levels are increasing from Naples to Tampa Bay, FL. Barometric pressure is rising in the Florida Keys and falling north of Naples, FL.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Key West, FL: Next predicted high tide is 1.91 ft (0.58 m) at 09/10/2008 06:33 EDT.

Vaca Key, FL: Next predicted high tide is 1.00 ft (0.30 m) at 09/10/2008 08:19 EDT.

Virginia Key, FL: Next predicted high tide is 2.86 ft (0.64 m) at 09/10/2008 05:36 EDT.

Naples, FL: Next predicted high tide is 2.88 ft (0.88 m) at 09/10/2008 09:27 EDT.

Fort Meyers, FL: Next predicted high tide is 0.90 ft (0.27 m) at 09/10/2008 02:24 EDT.

St. Petersburg, FL: Next predicted high tide is 2.43 ft (0.74 m) at 09/10/2008 10:30 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: CM

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**HURRICANE IKE ADVISORY NUMBER 36**

**1100 PM EDT TUE SEP 09 2008**

**...IKE BEGINNING TO STRENGTHEN...**

**AT 11 PM EDT THE TROPICAL STORM WARNING FOR FLORIDA BAY AND FOR THE FLORIDA KEYS FROM OCEAN REEF TO THE WEST END OF THE SEVEN MILE BRIDGE IS DISCONTINUED. A TROPICAL STORM WARNING REMAINS IN EFFECT FROM WEST OF THE SEVEN MILE BRIDGE WESTWARD TO THE DRY TORTUGAS.**

**AT 1100 PM EDT THE CENTER OF HURRICANE IKE WAS LOCATED NEAR LATITUDE 23.2 NORTH, LONGITUDE 84.3 WEST OR ABOUT 120 MILES WEST OF HAVANA CUBA.**

**IKE IS MOVING TOWARD THE WEST-NORTHWEST NEAR 9 MPH AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE FOR THE NEXT DAY OR TWO.**

**DATA FROM A NOAA HURRICANE HUNTER AIRCRAFT INDICATE THAT THE MAXIMUM SUSTAINED WINDS ARE NEAR 80 MPH WITH HIGHER GUSTS. IKE IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. STRENGTHENING IS EXPECTED AND IKE COULD BECOME A MAJOR HURRICANE IN THE CENTRAL GULF OF MEXICO.**

**HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 35 MILES FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 175 MILES. KEY WEST RECENTLY REPORTED SUSTAINED WINDS OF 45 MPH WITH A GUST TO 60 MPH.**

**THE NOAA HURRICANE HUNTER AIRCRAFT REPORTED A MINIMUM CENTRAL PRESSURE OF 967 MB.**

**STORM SURGE FLOODING OF 1 TO 3 FEET ALONG WITH LARGE AND DANGEROUS WAVES ARE POSSIBLE IN THE LOWER FLORIDA KEYS.**

**LARGE SWELLS GENERATED BY IKE WILL CONTINUE TO AFFECT THE EAST COAST OF FLORIDA FOR THE NEXT DAY OR SO. THESE SWELLS COULD GENERATE DANGEROUS AND LIFE-THREATENING RIP CURRENTS.**

**RAINFALL ACCUMULATIONS OF 1 TO 3 INCHES ARE POSSIBLE OVER THE FLORIDA KEYS.**

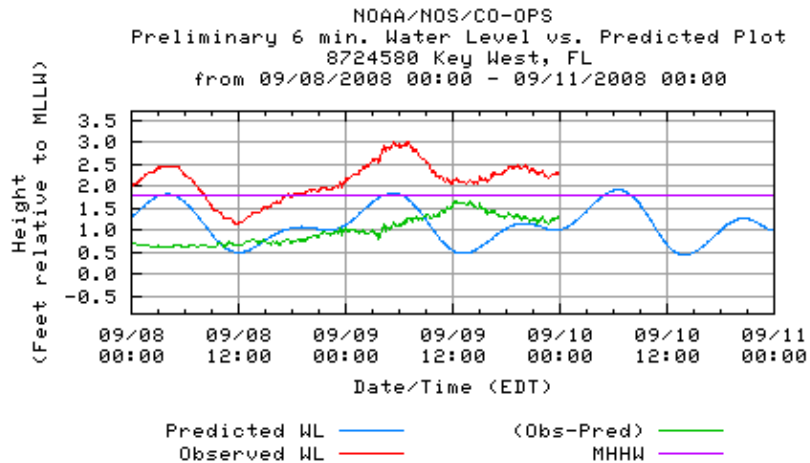
**ISOLATED TORNADOES AND WATERSPOUTS ARE POSSIBLE OVER THE FLORIDA KEYS AND EXTREME SOUTH FLORIDA OVERNIGHT.**

**FORECASTER PASCH/BERG**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Key West - Water Level](#), [Key West - Winds](#), [Key West - Barometric](#), [Key West - Air/Water Temp](#), [Vaca Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Barometric](#), [Virginia Key - Water Level](#), [Naples - Water Level](#), [Naples - Winds](#), [Naples - Barometric](#), [Naples - Air/Water Temp](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Fort Myers - Air/Water Temp](#), [St. Petersburg - Water Level](#), [St. Petersburg - Winds](#), [St. Petersburg - Barometric](#), [St. Petersburg - Air/Water Temp](#),

**Key West, FL - Station Map** [Return to List](#)

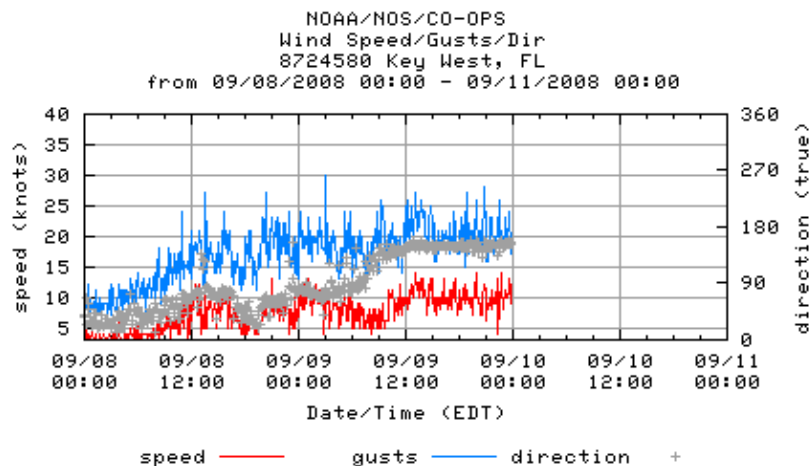


Last Observed Sample: 09/09/2008 23:48 (EDT)

Relative to **MLLW**: **Observed: 2.28 ft.** **Predicted: 1.01 ft.** **Residual: 1.27 ft.**

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

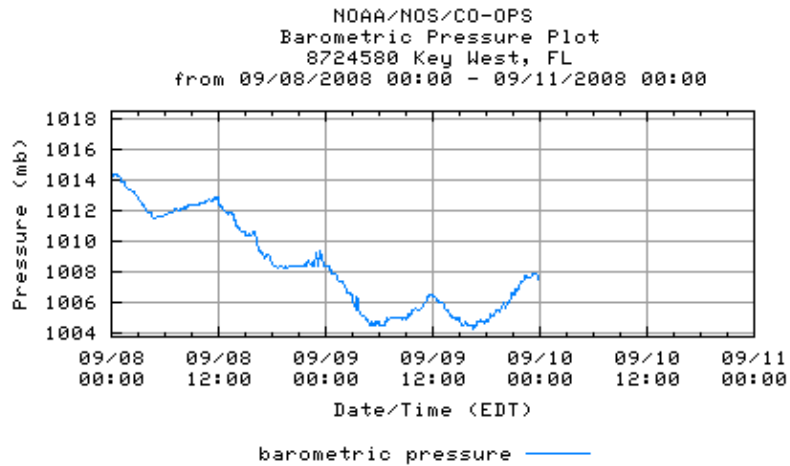
**Key West, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 23:48 (EDT)

**Wind Speed: 9 knots** **Gusts: 18 knots** **Direction: 153° T**

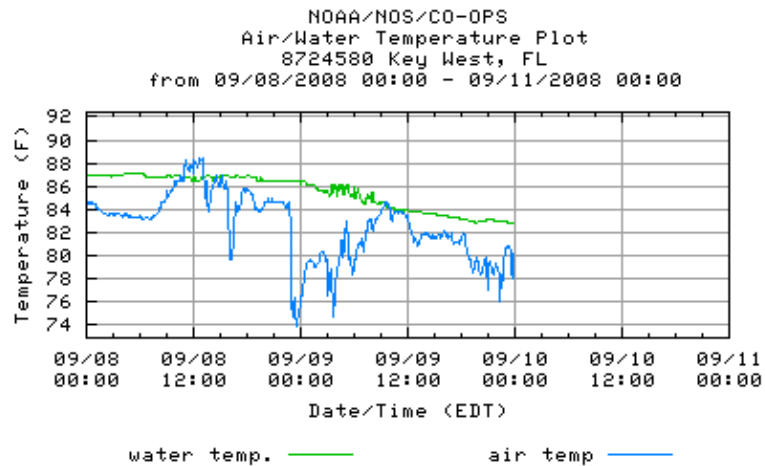
**Key West, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 23:48 (EDT)

Barometric Pressure: 1007.5 mb

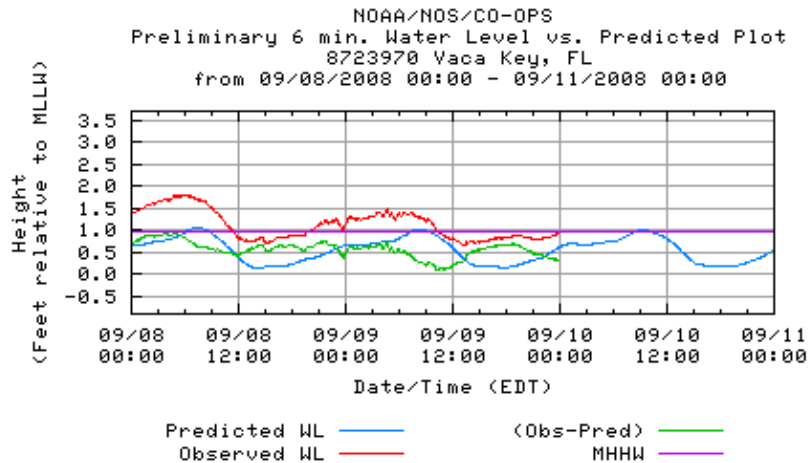
**Key West, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 23:48 (EDT)

Water Temperature: 82.8° F Air Temperature: 80.1° F

**Vaca Key, FL - Station Map** [Return to List](#)

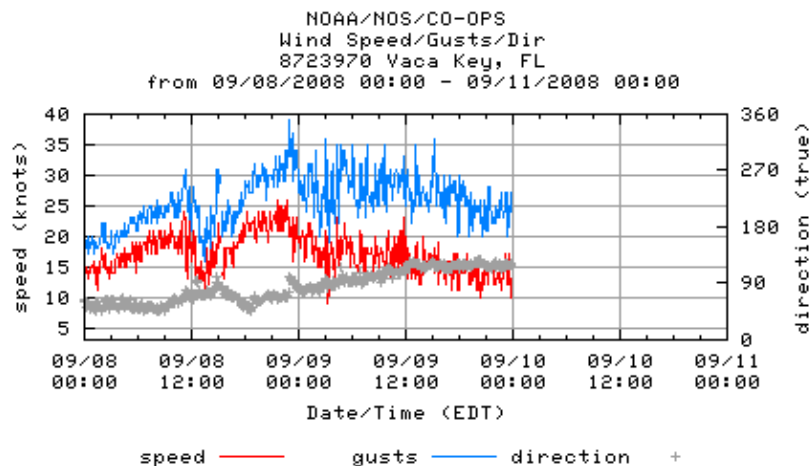


Last Observed Sample: 09/09/2008 23:48 (EDT)

Relative to **MLLW**: **Observed: 0.92 ft. Predicted: 0.60 ft. Residual: 0.32 ft.**

Historical Maximum Water Level: 10/07/1974, 1.42 ft. above **MHHW**

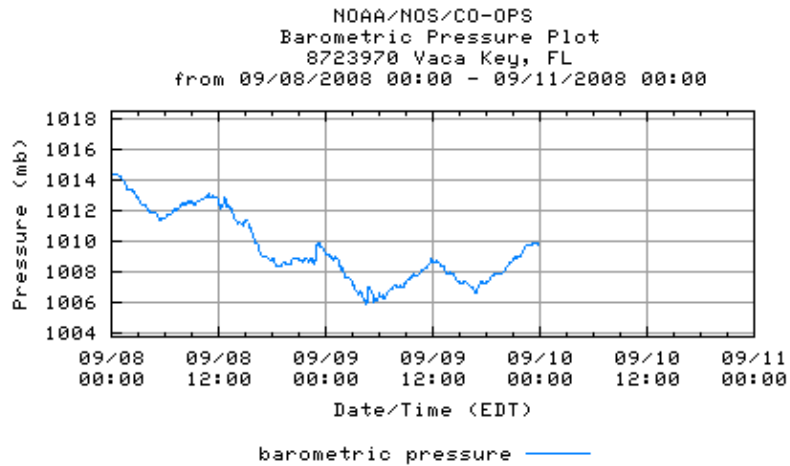
**Vaca Key, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 23:48 (EDT)

**Wind Speed: 10 knots Gusts: 24 knots Direction: 123° T**

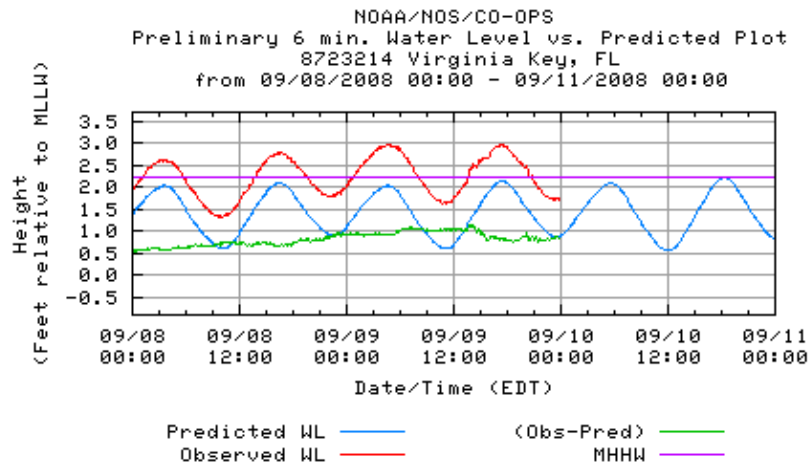
**Vaca Key, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 23:48 (EDT)

Barometric Pressure: 1009.7 mb

**Virginia Key, FL - Station Map** [Return to List](#)

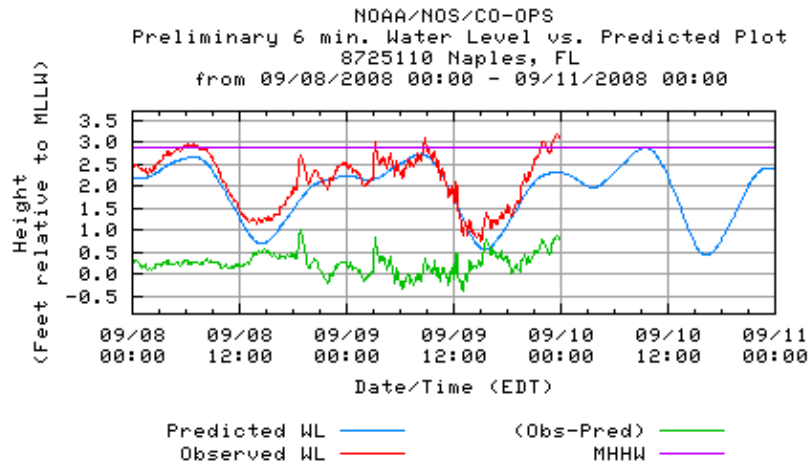


Last Observed Sample: 09/09/2008 23:48 (EDT)

Relative to **MLLW**: **Observed: 1.73 ft.** **Predicted: 0.88 ft.** **Residual: 0.85 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

**Naples, FL - Station Map** [Return to List](#)

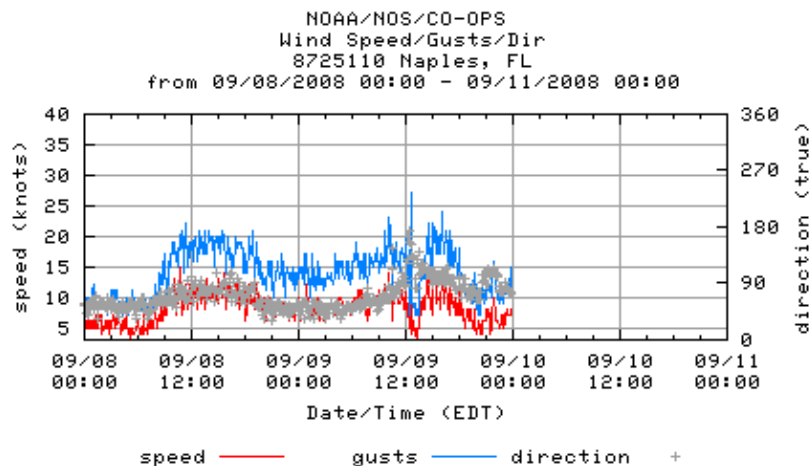


Last Observed Sample: 09/09/2008 23:48 (EDT)

Relative to **MLLW**: **Observed: 3.12 ft. Predicted: 2.30 ft. Residual: 0.82 ft.**

Historical Maximum Water Level: 12/21/1972, 3.11 ft. above **MHHW**

**Naples, FL - Station Map** [Return to List](#)

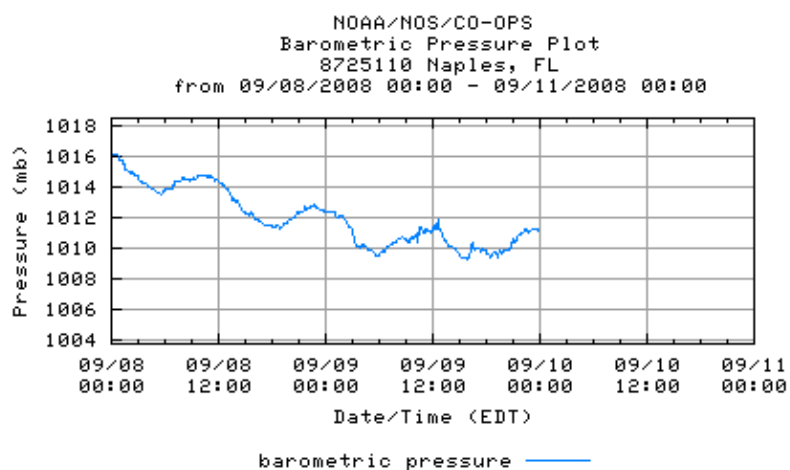


Last Observed Sample: 09/09/2008 23:48 (EDT)

**Wind Speed: 8 knots Gusts: 15 knots Direction: 077° T**



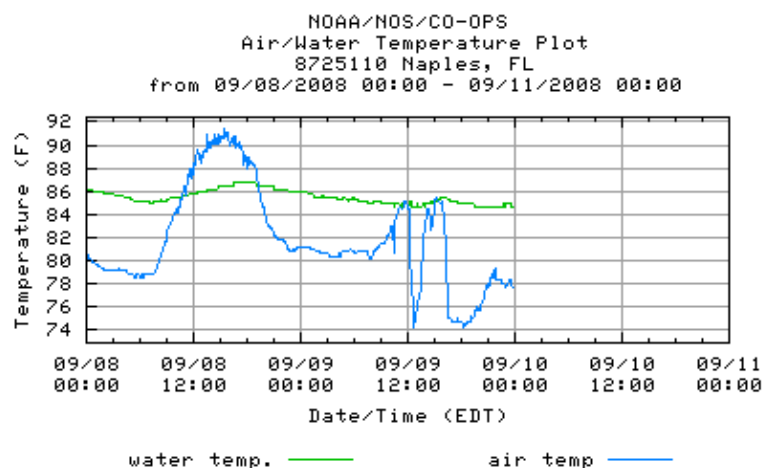
**Naples, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 23:48 (EDT)

Barometric Pressure: 1011.2 mb

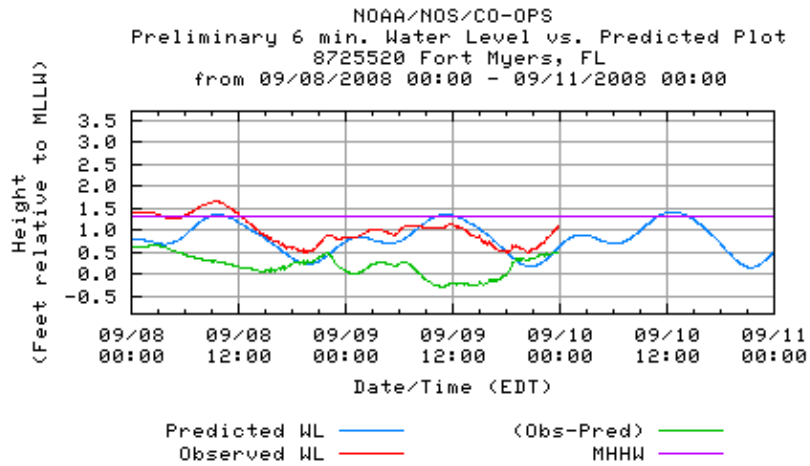
**Naples, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 23:48 (EDT)

Water Temperature: 84.7° F Air Temperature: 77.7° F

**Fort Myers, FL - Station Map** [Return to List](#)

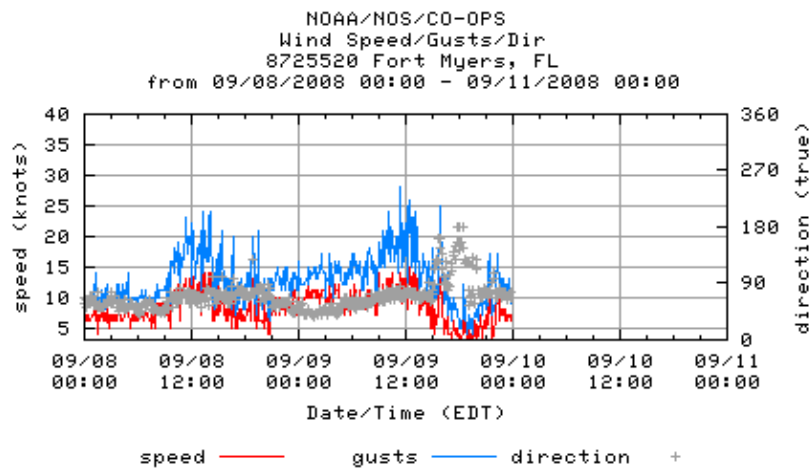


Last Observed Sample: 09/09/2008 23:48 (EDT)

Relative to **MLLW**: **Observed: 1.09 ft. Predicted: 0.60 ft. Residual: 0.49 ft.**

Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**

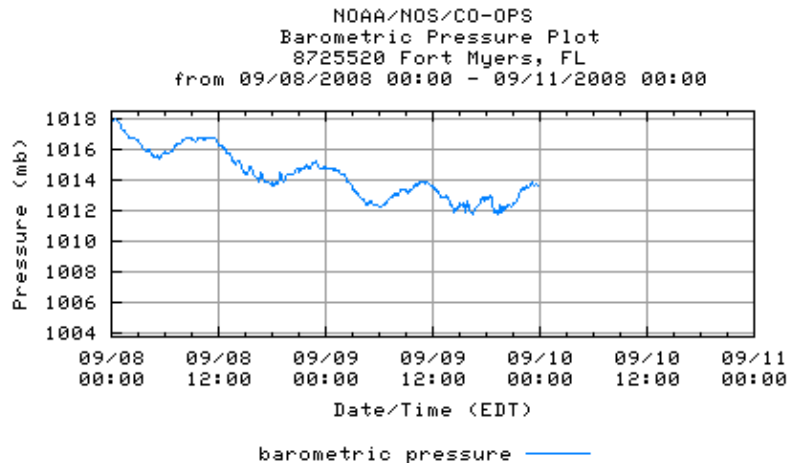
**Fort Myers, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 23:48 (EDT)

**Wind Speed: 6 knots Gusts: 9 knots Direction: 068° T**

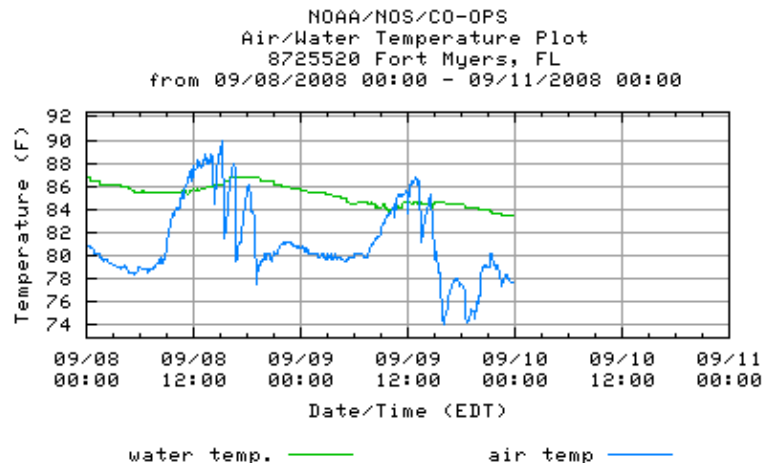
**Fort Myers, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 23:48 (EDT)

Barometric Pressure: 1013.6 mb

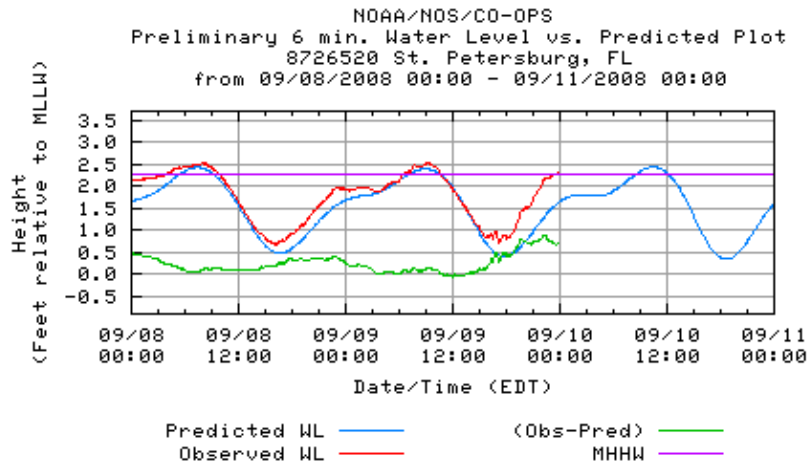
**Fort Myers, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 23:48 (EDT)

Water Temperature: 83.5° F Air Temperature: 77.7° F

**St. Petersburg, FL - Station Map** [Return to List](#)

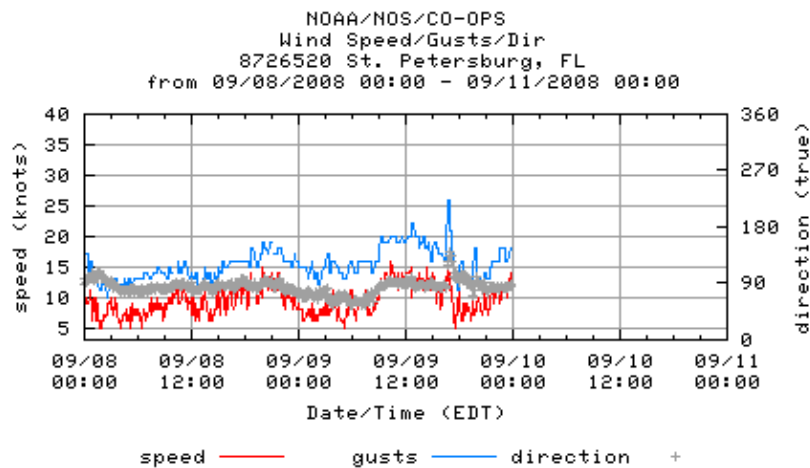


Last Observed Sample: 09/09/2008 23:48 (EDT)

Relative to **MLLW**: **Observed: 2.31 ft. Predicted: 1.62 ft. Residual: 0.69 ft.**

Historical Maximum Water Level: 08/31/1985, 4 ft. above **MHHW**

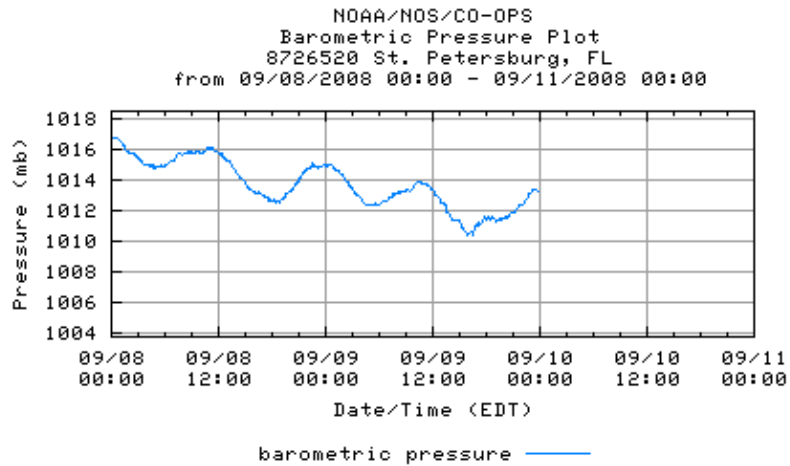
**St. Petersburg, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 23:48 (EDT)

**Wind Speed: 14 knots Gusts: 18 knots Direction: 088° T**

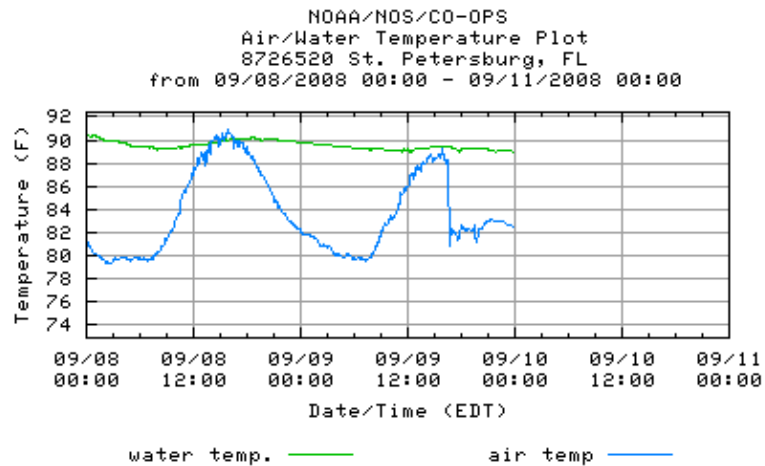
**St. Petersburg, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 23:48 (EDT)

Barometric Pressure: 1013.2 mb

**St. Petersburg, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 23:48 (EDT)

Water Temperature: 88.9° F Air Temperature: 82.5° F

## Hurricane IKE QuickLook, POSTED 00:00 EDT 09/10/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce